

CONNECTICUT DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING AND HIGHWAY OPERATIONS
DIVISION OF MATERIALS TESTING

CRITERIA FOR ACCEPTANCE OF PORTLAND CEMENT BY CERTIFICATION

Before a mill can be granted permission to ship cement on the basis of certification, an authorized representative of the applying mill shall agree to and comply with the conditions listed herein:

A. QUALIFICATION

1. The mill shall demonstrate to the satisfaction of the Director of Research and Materials that the production of cement is regulated by an effective program of quality control. The mill shall submit a detailed account of the control methods employed, including such information as sampling and testing frequency, control strips, etc., and agree to provide to the Director of Research and Materials, on request, records of data accumulated by these methods.
2. The control laboratory of the mill shall be inspected regularly by the Cement and Concrete Reference Laboratory. Copies of the two (2) latest inspection reports shall be submitted for review to the Director of Research and Materials. Copies of the reports of subsequent inspections shall also be submitted.
3. The mill shall certify the quality of the cement supplied as conforming to the requirements of the applicable specifications, and shall provide, as required, certified test reports documenting this conformance.
4. The mill shall participate in a cooperative testing program with the Connecticut Department of Transportation, Division of Materials Testing, to determine the uniformity and precision of testing techniques, when so requested.

B. OPERATIONAL PROCEDURE

1. Three (3) certified copies of the test reports for all cement being supplied under the program shall be furnished by the mill to the Director of Research and Materials, 280 West Street, Rocky Hill, Connecticut 06067.
2. Each shipment shall be accompanied by a certified document stating that the cement being shipped complies with all the requirements of the applicable specifications. The Certificate shall include the following information:

- a. Producer's Name
- b. Mill Location
- c. Cement Carrier Number
- d. Date Loaded
- e. Weight of Material Contained in Carrier
- f. Silo, Bin or Lot Number of Cement, Terminals
- g. Consignee
- h. Destination
- i. Cement Type

Further, a seal to be supplied by the mill shall be affixed to each carrier, and the seal identification shall be listed on the accompanying Certificate. Certificates shall also be signed by an authorized representative of the mill. A duplicate copy of each certificate shall be forwarded to the Director of Research and Materials at the address noted above.

3. Random samples of the cement supplied shall be selected and tested by the Connecticut Department of Transportation, Division of Materials Testing. Results of tests on these samples shall be compared with the certified test values provided by the mill. If the test results, as determined by the Division of Materials Testing, fail to agree consistently with the certified test values, the mill shall be required to engage in a cooperative test program with the Division of Materials Testing to determine the reason for the variance.

Frequency of sampling will be on a quarterly basis with additional sampling in the months of May, June, and September.

4. Results from bulk cement testing will also apply to bagged material from the same source.

Failure of the mill to supply cement which consistently meets the requirements of the pertinent specifications, or failure to comply with the requirements of the operational procedure, may be considered grounds for the rescinding the approval of the mill to provide cement on the basis of certification.

The procedure outlined above is intended to establish general guidelines for the operation of this program under which cement will be accepted on the basis of producer certification. However, the Connecticut Department of Transportation reserves the right to modify or to alter any of the above requirements if, in the judgment of the Director of Research and Materials, the best interest of the Department is served thereby.